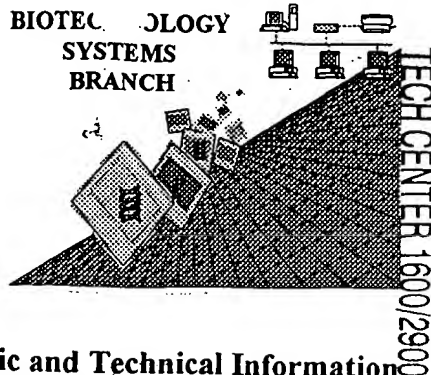


RAW SEQUENCE LISTING **ERROR REPORT**



NOV 13 2001

RECEIVED

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/723,722

Source: OIPK

Date Processed by STIC: 2/26/2001

#8

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

DATE: 07/26/2001

PATENT APPLICATION: US/09/723,722

TIME: 15:23:33

Input Set : A:\USNEW2C1.txt

Output Set: N:\CRF3\07262001\I723722.raw

4 <110> APPLICANT: Anderson, John P.
 5 Basi, Gurigbal
 6 Doane, Minh Tam
 7 Frigon, Normand
 8 John, Varghese
 9 Power, Michael
 10 Sinha, Sukanto
 11 Tatsuno, Gwen
 12 Tung, Jay
 13 Wang, Shuwen
 14 McConlogue, Lisa
 16 <120> TITLE OF INVENTION: Beta-Secretase Enzyme Compositions and
 17 Methods
 19 <130> FILE REFERENCE: 228-US-NEWC1
 21 <140> CURRENT APPLICATION NUMBER: 09/723,722
 22 <141> CURRENT FILING DATE: 2000-11-28
 24 <150> PRIOR APPLICATION NUMBER: US 09/501,708
 25 <151> PRIOR FILING DATE: 2000-02-10
 27 <150> PRIOR APPLICATION NUMBER: 60/119,571
 28 <151> PRIOR FILING DATE: 1999-02-10
 30 <150> PRIOR APPLICATION NUMBER: 60/139,172
 31 <151> PRIOR FILING DATE: 1999-06-15
 33 <160> NUMBER OF SEQ ID NOS: 104
 35 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

1442 <210> SEQ ID NO: 61
 1443 <211> LENGTH: 8
 1444 <212> TYPE: PRT
 1445 <213> ORGANISM: Artificial Sequence
 1447 <220> FEATURE:
 1448 <223> OTHER INFORMATION: Synthetic peptide inhibitor
 1450 <221> NAME/KEY: MOD_RES
 1451 <222> LOCATION: 4
 1452 <223> OTHER INFORMATION: Xaa = hydroxyethylene
 1454 <400> SEQUENCE: 61
 W--> 1455 Glu Val Met Xaa Ala Glu Phe
 E--> 1456 1 5

FYI:

Xaa can only represent a
 single amino acid,
 nothing else

PSI
 →

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/723,722

DATE: 07/26/2001

TIME: 15:23:34

Input Set : A:\USNEW2C1.txt

Output Set: N:\CRF3\07262001\I723722.raw

L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1456 M:252 E: No. of Seq. differs, <211>LENGTH:Input:8 Found:7 SEQ:61
L:1946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:2090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:2117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:2159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81